(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织 国 际 局



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00至180. 2004的 5月 1: 1: (1.1.05:200 0063033.7: 2004的 7月 6 12: (06:07:2004	CN 0	ZM, ZW,	(71) 申请 (AU) 中房 (72) 发明 (75) 发明 (75) 发明 (75) 发明 (74) 代理 (74) 代理
METHOD FOR PREPARING SELF AS HERMAL METHOD i 称: 水热法制备自组生长的硅纳米管的 SI (a)		→ Si	(54) Title: HYDROT
(c)		sic,	-
act: The present invention relates to al method. In the method, water is used as d the silicon oxide is fed into a sealed reac sure for a period of time; the weight of the irrer is used for stirring. The present inve	a method for preparing self asse solvent, and non-toxic silicon oxide tion kettle while stirring, the mixtur e said silicon oxide 15 not more than	mbled growth silicon nano-tube by is added to the water, then mixture of e is kept at a certain temperature and a n 10% of weight of the solvent, and a	880 (57) Abstr hydrotherm the water au creatin pres

sure for a period of time; the weight of the said silicon oxide is not more than 10% of weight of the solvent, and a irrer is used for stirring. The present invention completely utilizes non-toxic raw materials, and the materials and

process do not pollute the environment, so the method satisfies the development trend of modern industry.

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preparation

(57) 摘要

水热法制备自组生长的硅纳米管的方法,以水为溶剂,加入无毒硅氧化物,混合后置入密封反应釜中,均匀搅拌,于一定温度、压力下保温一定时间,所述硅氧化物的量不大于溶剂重量的 10%,采用磁力搅拌器搅拌。本发明完全采用的是无毒原材料,原材料及制备过程均对环境无污染,完全符合环保要求的现代工业的发展方向。